



CONSTRUCTION EQUIPMENT

SWO-069745 APAC VOLVO L150H 6816 - TRANSMISSION (AUTO)



Sample No: VCP444460
Oil Type: VOLVO AT 102
Job No: SWO-069745 APAC



SAMPLE INFORMATION

Sample Number	VCP444460	VCP289486	VCP282716	---
Sample Date	15 Feb 2024	06 Oct 2020	22 Jun 2020	---
Machine Hours	7536	2531	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY
 BIRMINGHAM, AL
 US 35217
 Contact: BRANTLY CLAY
 bclay@cowin.com
 T:
 F: (205)856-2106



OIL CONDITION

Visc @ 40°C	cSt	28.3	27.7	26.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	4	4	---
Sodium	ppm	0	2	2	---
Potassium	ppm	0	5	5	---



WEAR METALS

Iron	ppm	121	54	37	---
Copper	ppm	4	3	3	---
Lead	ppm	0	0	3	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	2	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	81	152	77	---
Magnesium	ppm	<1	4	3	---
Zinc	ppm	3	41	10	---
Phosphorus	ppm	186	166	145	---
Barium	ppm	0	<1	<1	---
Boron	ppm	79	67	74	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8528
Unique No: 10887406
Signed: Sean Felton
Report Date: 22 Feb 2024

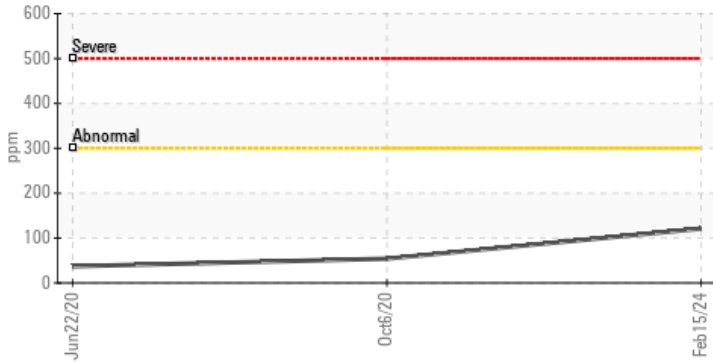


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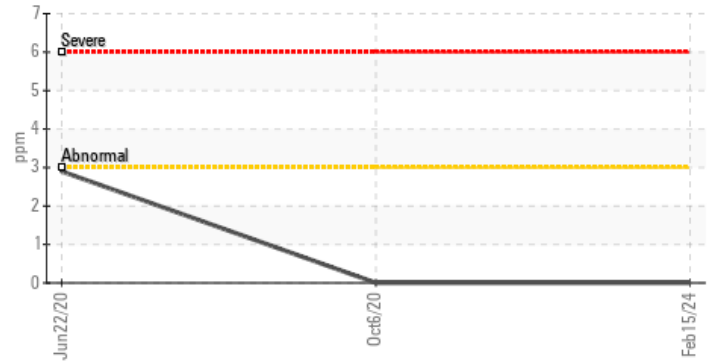


GRAPHS

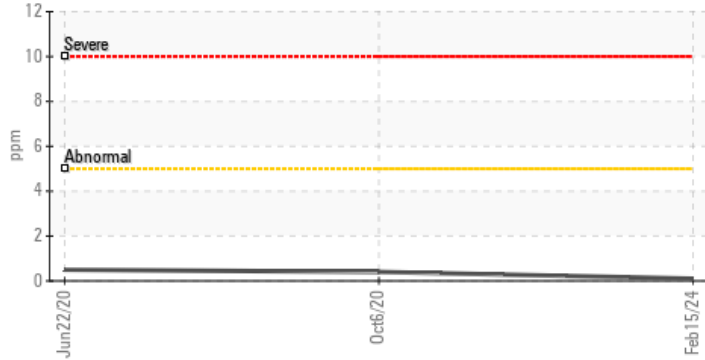
Iron (ppm)



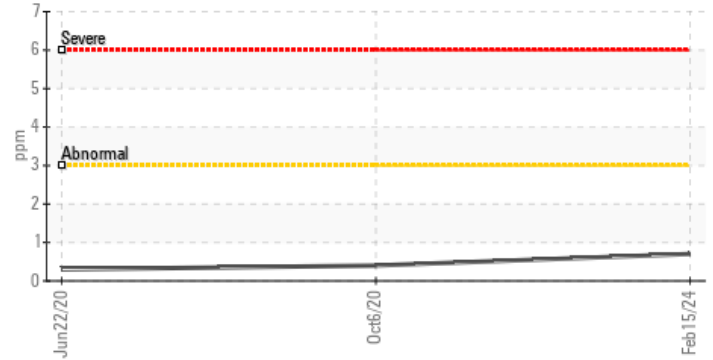
Lead (ppm)



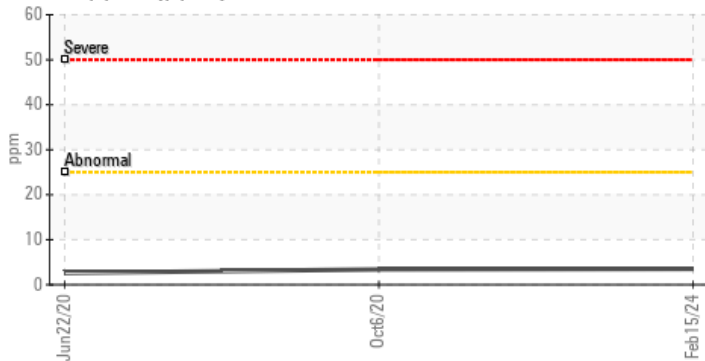
Aluminum (ppm)



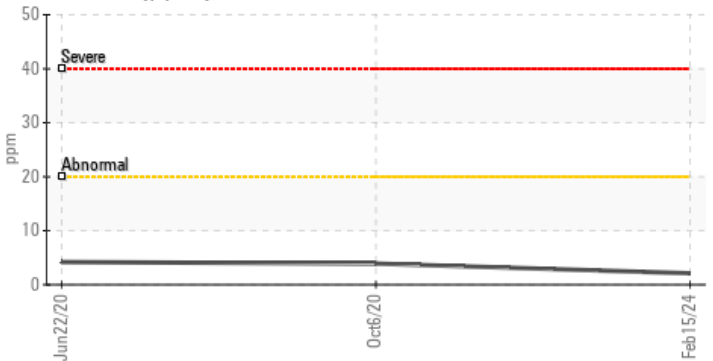
Chromium (ppm)



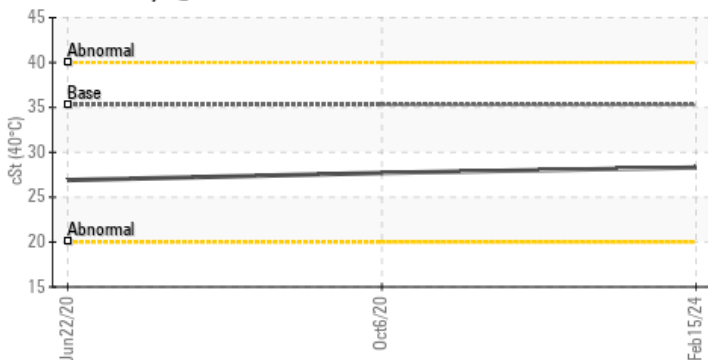
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

